

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

1649
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First Named Inventor : David G. Charne
Application Number : 09/994,092
Filing Date : November 16, 2001
Title : Brassica napus with early maturity (Early Napus)
and resistance to an AHAS-Inibitor herbicide

Group/Art Unit : 1649
Examiner :

Attorney Docket Number : 1271

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**FILING OF AN INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.97(b)**

The attached list of citations on PTO Form 1449 is being submitted under the provisions of 37 CFR §1.56 and §1.97(b) in order to comply with the duty of disclosure. Their inclusion herein should not, however, be construed as an admission that any particular cited reference is effective prior art or that it discloses or renders obvious any aspect of the claimed invention. A copy of each cited reference is enclosed, except for those references which are already part of the filewrapper. This statement is being filed within the time period specified in 37 CFR §1.97(b). No fee is required.

Respectfully submitted,

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Form PTO-1449

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09/994,092

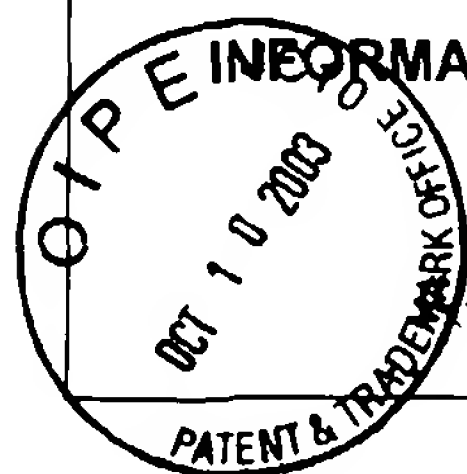
APPLICANT

Charne, et al.

FILING DATE

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November 16, 2001

**INFORMATION DISCLOSURE STATEMENT****BY APPLICANT**

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

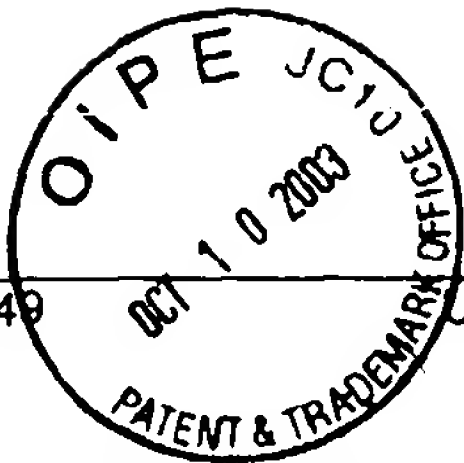
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	A1	5,545,821	8/13/96	Wong, et al.	800	230	
	A2	5,387,758	2/7/95	Wong, et al.	800	230	
	A3	5,773,702	6/30/98	Penner, et al.	800	230	
	A4	5,767,366	6/16/98	Sathasivan, et al.	800	300	
	A5	6,303,849 B1	10/16/01	Potts, et al.	800	306	

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes	No

OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

	A6	Miki, et al., 1990, <i>Theoretical and Applied Genetics</i> , 80:449-458, "Transformation of <i>Brassica napus</i> canola cultivars with <i>Arabidopsis thaliana</i> acetohydroxyacid synthase genes and analysis of herbicide resistance"
	A7	Swanson, et al., 1988, <i>Plant Cell Reports</i> , 7:83-87, "The characterization of herbicide tolerant plants in <i>Brassica napus</i> L. after in vitro selection of microspores and protoplasts"
	A8	Rutledge, et al., 1991, <i>Mol. Gen. Genet.</i> , 229:31-40, "Molecular characterization and genetic origin of the <i>Brassica napus</i> acetohydroxyacid synthase multigene family"
	A9	Ouellet, et al., 1992, <i>Plant Journal</i> , 2:321-330, "Members of the acetohydroxyacid synthase multigene family of <i>Brassica napus</i> have divergent patterns of expression"
	A10	Hattori, et al., 1992, <i>Can J. Bot.</i> , 70: 1957-1963, "DNA sequence relationships and origins of acetohydroxy acid synthase genes of <i>Brassica napus</i> "
	A11	Swanson, et al., 1989, <i>Theor. Appl. Genet.</i> , 78:525-530, "Microspore mutagenesis and selection: Canola plants with field tolerance to imidazolinones"



Sheet 2 of 3

Form PTO-1449 INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use several sheets if necessary)</i>	U.S. Department of Commerce Patent and Trademark Office	ATTORNEY DOCKET NO. 1271	SERIAL NO. 09/994,099
		APPLICANT Charne, et al.	
		FILING DATE November 16, 2001	GROUP

OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

A12	Newhouse, et al., 1992, <i>Plant Physiol.</i> , 100:882-886, "Tolerance to imidazolinone herbicides in wheat"
A13	Sprague, et al., 1997, <i>Weed Technology</i> , 11:241-247, "Common cocklebur (<i>Xanthium strumarium</i>) resistance to selected ALS-inhibiting herbicides"
A14	Wright, et al., 1998, <i>Weed Science</i> , 46:24-29, "In vitro and whole-plant magnitude and cross-resistance characterization of two imidazolinone-resistant sugarbeet (<i>Beta vulgaris</i>) somatic cell selections"
A15	Seefeldt, et al., 1998, <i>Weed Science</i> , 46:632-634, "Production of herbicide-resistant jointed goatgrass (<i>Aegilops cylindrica</i>) x wheat (<i>Triticum aestivum</i>) hybrids in the field by natural hybridization"
A16	Harms, et al., 1992, <i>Mol. Gen. Genet.</i> , 233:427-435, "Herbicide resistance due to amplification of a mutant acetohydroxyacid synthase gene"
A17	Lee, et al., 1988, <i>The Embryo Journal</i> , 7:1241-1248, "The molecular basis of sulfonylurea herbicide resistance in tobacco"
A18	Lovell, et al., 1996, <i>Weed Science</i> , 44:789-794, "Imidazolinone and sulfonylurea resistance in a biotype of common waterhemp (<i>Amaranthus rudis</i>)"
A19	Foes, et al., 1999, <i>Weed Science</i> , 47:20-27, "A kochia (<i>Kochia scoparia</i>) biotype resistant to triazine and ALS-inhibiting herbicides"
A20	Bing, D., 1991, M. Sc. Thesis, University of Saskatchewan, "Potential of gene transfer among oilseed brassica and their weedy relatives"
A21	Newhouse, et al., 1988, <i>American Chemical Society Symposium Series Managing Resistance to Agrochemicals</i> , 421:474-482, "Genetic Modification of Crop Responses to Imidazolinone Herbicides"

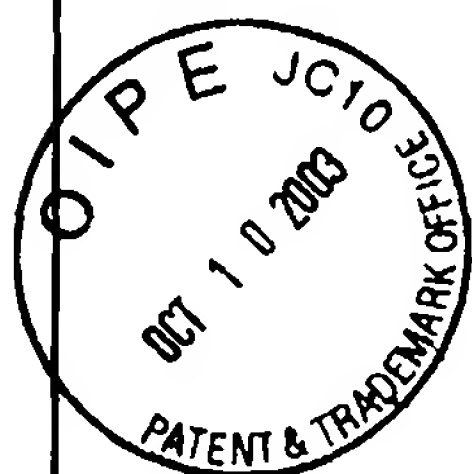
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OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

	A22	Fehr, W.R., et al., 1987, <i>Mutation Breeding</i> , 1:286-303, "Principles of Cultivar Development"
	A23	Hattori, J., et al., 1995, <i>Mol Gen Genet</i> , 246: 419-425, "An Acetohydroxy acid synthase mutant reveals a single site involved in multiple herbicide resistance"
	A24	Hobbs, S.L.A., 1987, <i>Can. J. Plant Sci.</i> , 67: 457-466, "Comparison of Photosynthesis in Normal and Triazine-Resistant"
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1. Filing of an Information Disclosure Statement Under 37 CFR 1.97(b) (1 copy)
2. PTO Form 1449 (1 copy)
3. 24 References (1 copy of each)

This collection of information is required by 37 CFR 1.8. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.8 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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